

(Use several sheets if necessary)

1030-R-00

Applicant(s)

Amanda J. Patel et al.

Filing Date

2/11/00

Group Art Unit

Not yet known

[illegible]

JCL35 U.S. PTO
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KAC	AA	Nicoll, R.A. and D.V. Madison (1982) General anesthetics hyperpolarize neurons in the vertebrate central nervous system. Science 217, 1055-1077.
KAC	AB	Berg-Johnson, J. and I.A. Langmoen (1987) Isoflurane hyperpolarizes neurons in rat and human cerebral cortex. Acta Physiol. Scand. 130, 679-685.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

KAC AC

Felisberti, F., B. Antkowiak and K. Kirschfeld (1997) Effects of Volatile anesthetics on the membrane potential and ion channels of cultured neocortical astrocytes. Brain Res. 766, 56-65.

AD

MacIver, M.B. and J.J. Kendig (1991) Anesthetic effects on resting membrane potential are voltage-dependent and agent specific. Anesthesiology 74, 83-88.

AE

Franks, N.P. and W.R. Lieb (1988) Volatile general anesthetics activate a novel neuronal K⁺ current. Nature 333, 662-664.

AF

Franks, N.P. and W.R. Lieb (1991) Stereospecific effects of inhalational general anesthetic optical isomers on nerve ion channels. Science 254, 427-430.

AG

Winegar, B.D., D.F. Owen, C.S. Yost, J.R. Forsayeth, and E. Mayeri (1996) Volatile general anesthetics produce hyperpolarization of Aplysia neurons by activation of a discrete population of baseline potassium channels. Anesthesiology 85, 889-900.

AH

Fink, M. et al. (1996) Cloning, functional expression and localization of a novel unconventional outward rectifier K⁺ channel. EMBO J. 15, 6854-6862.

AI

Duprat, F. et al (1997) TASK, a human background K⁺ channel to sense external pH variations near physiological pH. EMBO J. 16, 5464-5471.

AJ

Franks, N.P. and W.R. Lieb (1994) Molecular and cellular mechanisms of general anaesthesia. Nature 367, 607-614.

AK

Fink, M. et al. (1998) A neuronal two P domain K⁺ channel stimulated by arachidonic acid and polyunsaturated fatty acids. EMBO J. 17, 3297-3308.

AL

Lesage, F. et al (1996) TWIK-1, a ubiquitous human weakly inward rectifying K⁺ channel with a novel structure. EMBO J. 15, 1004-1011.

AM

Lesage F. et al. (1996) Dimerization of TWIK-1 K⁺ channel subunits via a disulfide bridge. EMBO J. 15, 6400-6407.

AN

Patel, A. et al (1998) A mammalian two pore domain mechano-gated S-type K⁺ channel. EMBO J. 17, 4283-4290.

EXAMINER

Harun Q. Gamella

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9/16/01

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INFORMATION DISCLOSURE CITATION

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103-R-00

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

KAC

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Mihic, S.J. et al. (1997) Sites of alcohol and volatile anaesthetic action on GABA(A) and glycine receptors. Nature 389, 385-389.

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Harris, R.A., S.J. Mihic, J.E. Dildy-Mayfield and T.K. Machu (1995) Actions of anesthetics on ligand-gated ion channels: role of receptor subunit composition. Faseb J. 9, 1454-1462.

AQ

Yon, J. and M. Fried (1989) Precise gene fusion by PCR. Nucleic Acids Res. 17, 4895

EXAMINER

Karen A. Gansela

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